

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	processing adj apparatus and controller same alternat\$4 same clean\$3 adj gas adj supply	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/16 06:18
L2	18	processing adj apparatus and controller same alternat\$4 same gas adj supply same clean\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/16 06:18
L3	17	2 and (@ad<="20021111" @rlad<="20021111")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/16 07:21
L4	1	2002/0073923	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/16 07:22
L5	2	"20020073923"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/16 07:33
L6	2	"20040008336"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/16 07:25
L7	0	process\$3 adj (apparatus chamber) and temperature adj control\$4 same clean\$3 adj gas same (reaction process) adj gas same lower	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/16 07:27
L8	1178	process\$3 adj (apparatus chamber) and temperature adj control\$4 same gas same lower	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/16 07:28

## EAST Search History

L9	10	process\$3 adj (apparatus chamber) and temperature adj control\$4 same clean\$3 adj gas same lower	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/16 07:28
L10	2	9 and (@ad<="20021111" @rlad<="20021111")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/16 07:28
L11	1	"20060124058"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/16 07:43
L12	2	"20010029891"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/16 07:43
S1	1	10/529896	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/29 11:54
S2	28	"5091207"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/15 16:38
S3	1	10/207098	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/16 08:01
S4	12225	(118/715,723E,723R,724,728).ccls. or (156/345.33,345.34,345.43,345.47, 345.51).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/16 10:10

## EAST Search History

S5	777	S4 and boat	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/16 08:05
S6	650	S5 and (@ad<="20021111" @rlad<="20021111")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/16 07:28
S7	65	("3396955"   "3917238"   "4098923"   "4100310"   "4138306"   "4217375"). PN. OR ("4369031").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/16 09:05
S8	2296	S4 and (control\$3 same valve)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/16 10:04
S9	1734	S8 and (@ad<="20021111" @rlad<="20021111")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/16 06:18
S10	3	S9 and (automated adj valve)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/16 10:07
S11	0	S4 and (automated adj valves) and boat	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/16 10:11
S12	1	S4 and (automated adj valves)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/16 10:21
S13	3	"6814572"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/16 10:30

## EAST Search History

S14	11	"6279503"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/16 10:39
S15	34	post adj processing adj gas	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/16 10:40
S16	27	S15 and (@ad<="20021111" @rlad<="20021111")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/16 12:30
S17	32	"5484484"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/16 12:30
S18	32	"5484484"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/16 12:48
S19	1	2002/0073923	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/16 12:48
S20	6051	hitachi adj kokusai adj electric.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/29 12:13
S21	1	hitachi adj kokusai adj electric.as. and (controller same post adj process\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/29 10:36

## EAST Search History

S22	0	hitachi adj kokusai adj electric.as. and (controller same process\$3 adj gas same clean\$3 adj gas)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/29 10:37
S23	0	hitachi adj kokusai adj electric.as. and (controller same process\$3 adj gas )and (clean\$3 adj gas)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/29 10:42
S24	10	hitachi adj kokusai adj electric.as. and (controller same process\$3 adj gas)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/29 10:39
S25	59	(controller same process\$3 adj gas same clean\$3 adj gas)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/29 10:43
S26	31	S25 and (@ad<="20021111" @rlad<="20021111")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/29 12:14
S27	779	showerhead with heat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/29 11:39
S29	2	"20030019427"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/29 11:54
S30	8	S20 and (process\$3 adj gas same clean\$3 adj gas)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 12:15

## EAST Search History

S31	5	S30 and (@ad<="20021111" @rlad<="20021111")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/29 12:15
S32	12	S20 and (process\$3 adj gas and clean\$3 adj gas)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/29 12:15
S33	5	S32 and (@ad<="20021111" @rlad<="20021111")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/29 13:07
S34	4	"7201174".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/29 12:59
S35	4	"7201174".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/29 12:59
S36	6	"2004011379"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/29 13:00
S37	0	"2004011379"	US-PGPUB	OR	OFF	2007/06/29 13:00
S38	0	"2004/011379"	US-PGPUB	OR	OFF	2007/06/29 13:00
S39	1	"20040011379"	US-PGPUB	OR	OFF	2007/06/29 13:06
S40	651	season\$3 same clean\$3	US-PGPUB	OR	OFF	2007/06/29 13:06
S41	18	season\$3 same clean\$3 same controller	US-PGPUB	OR	OFF	2007/06/29 13:21
S42	7	S41 and (@ad<="20021111" @rlad<="20021111")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/29 13:22

## EAST Search History

S43	173	(season\$3 same clean\$3) and controller	US-PGPUB	OR	OFF	2007/06/29 13:22
S44	74	S43 and (@ad<="20021111" @rlad<="20021111")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/29 13:45
S45	3	"20050187649"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/29 13:49
S46	2	"20040008336"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/29 14:23
S47	2	"6346483".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/29 14:24
S48	20	2002/0160125	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/15 16:18
S49	3	"20020160125"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/15 16:18

## EAST Search History

S50	53	(US-20050056222-\$ or US-20040237895-\$ or US-20040031440-\$ or US-20040194707-\$ or US-20030075108-\$ or US-20040094091-\$ or US-20030000473-\$ or US-20010013504-\$ or US-20020088547-\$ or US-20040096586-\$ or US-20030019427-\$ or US-20020073923-\$ or US-20050008352-\$ or US-20030224618-\$ or US-20020011465-\$ or US-20030106495-\$ or US-20020155713-\$ or US-20020073922-\$ or US-20020163637-\$ or US-20040008336-\$ or US-20050177269-\$ or US-20040026372-\$ or US-20050236109-\$ or US-20050187649-\$ or US-20030164354-\$).did. or (US-6279503-\$ or US-6858119-\$ or US-5262356-\$ or US-6106626-\$ or US-4402997-\$ or US-6383300-\$ or US-4369031-\$ or US-6287984-\$ or US-6581612-\$ or US-6015591-\$ or US-6165272-\$ or US-3858548-\$ or US-5225375-\$ or US-6238488-\$ or US-6881295-\$ or US-6495805-\$ or US-5928428-\$ or US-6403927-\$ or US-6410434-\$ or US-6863732-\$ or US-5709757-\$ or US-4440618-\$ or US-5484484-\$ or US-6770144-\$ or US-5551984-\$ or US-6922522-\$).did. or (US-6734037-\$).did. or (JP-63185019-\$).did.	US-PGPUB; USPAT; JPO	OR	OFF	2008/01/15 16:31
S51	4	S50 and controller same alternat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/15 16:33
S52	515	(ald atomic adj layer adj deposition) and controller same alternat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/15 16:33



## EAST Search History

S53	28	(ald atomic adj layer adj deposition) and controller same alternat\$4 same gas adj supply	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/15 16:40
S54	8	S53 and (@ad<="20021111" @rlad<="20021111")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/15 16:41
S55	43	processing adj apparatus and controller same alternat\$4 same gas adj supply	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/16 06:17
S56	34	S55 and (@ad<="20021111" @rlad<="20021111")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/15 16:41